Identification Systems / Surveillance and Databases

Intergraph (UK) Ltd
Delta Business Park
Great Western Way
Swindon SN5 7XF
UK
Tel: 0793 619999
http://www.intergraph.com

mmand and control system supplied to Victoria Police, Australia. By 2001, h police car is expected to have a portable personal computer.The PC l link up with the $160 million computer generated call-taking and patch system being tested by Intergraph. Using satellite technology every ice car in Melbourne will be tracked along screens staffed by civilians.The mputers will help operators decide which patrol cars to send to incidents. anks to a giant computer-driven map of the city compiled by Intergraph, e operators will be able to tell police all the relevant details about the ress they visit. Officers will know immediately whether, for example, the ner is known to the police or if weapons are inside. Eventually it may vide plans of the house in case of sieges.
e most sophisticated police computer installed in Britain, which should y an important role in tackling inner-city riots, was unveiled by the weland police force.

Tadiran-Elisra
11 Ben Gurion Street,
PO Box 6 Givat Shmuel,
Tel Aviv 61006
Israel

the early 1980s Tadiran supplied the Guatemalan intelligence agencies h computers which were used to compile automated target information assassinations. According to Guatemalan military sources, the lists tained names and details of journalists, student leaders, human rights vists and political opponents. It was, in effect, a death list made highly ective through IT and communications technology.

sage Technology, Inc.
first project for the compilation of biometric data on an entire ulation of citizens – around ten million – is beginning in Uganda. During general elections called in June, each elector will be identified using technology of the American company Visage.
ur success in implementing face recognition on very large databases, like 10 million images in Illinois and 8 million images in Uganda, is unmatched the industry. We are seeing a significant growing interest from our tomers and prospects, like Departments of Motor Vehicles, for the need face-recognition technology to add security to very large image abases." (Tom Colatosti, CEO and President of Visage Technology)
ge delivers annually through 1500 U.S. systems in 1200 locations in 15 tes, more than 25 million high-quality and high-security digital- ntification documents for government agencies responsible for issuing vers' licenses, social services cards and law enforcement credentials.

TV2 Ltd
Sigmaform House,
Sywell Road Park Farm,
Wellingborough Northants
NN8 6XD - UK
Tel: 01933 403 400 Tfx: Fax: 01933 403 402

Contract to supply Spain's Basque Police with system for the transmission of data between mobile policing situations.TV2 is supplying a range of wireless camera systems, microwave and communications equipment as well as a Global Autotracker intelligent antenna system. The Global Autotracker sends pictures from a police helicopter approximately three times further than conventional microwave antenna systems, so extending the practical range of operation.

In the Netherlands, identity cards for foreigners include a computer chip in which the bearer's personal data are stored, along with fingerprints. A similar card exists for asylum seekers, also including information concerning, for example, the schedule of visa renewals and obligatory declarations to the authorities.

recognizes licence plate numbers

http://www.pito.org.uk/
PITO, the Police Information Technology Organisation, provides information technology, communications equipment and services to the police and other criminal justice organisations within the United Kingdom. PITO also has a role in the purchasing of goods and services for the police with the aim of providing best value through collective procurement. We are a non-departmental public body, funded in part by grant in aid from central Government and by charges for the services we provide.

Police Information Technology Organisation

Federal Information Security Agency
Bundesamt für Sicherheit
German Central Cipher Bureau
Zentralstelle für Chiffriering ZICH

I2E SA
12,Rue Charles de Gaulle
78350 Jouy-en-Josas
France
Tel: (1) 39.56.1999 Tlx: Fax: (1)39.56.52.37

Military & Electronic Warfare equipment design and manufacture. DRAGON - Direction Finding & Analysis Search System Telecom - Activities: COMINT electronic warfare systems, ELINT data acquisition systems, Technical analysis, Satellite interception, Transmission- Decoding- Demodulation.

Alcatel Alsthom
54 Rue La Boetie
75008 Paris
France
Tel: 33 (1) 40761010 Tlx: Fax: 33 (1) 40761413

Infrastructure networks, C3I systems, space systems, tactical networks, security systems.
Also developed numerous systems for preparing and conducting missions.One of the most widely known is the SAFARI system, used by the United Nations (UN) in Somalia.
photo-interpretation system (DEIMOS)
satellite situation display (MUSCAT)

Atos installs the Schengen Central Information System, renovated in Partnership with IBM and CSC.
As prime contractor,Atos is in charge of designing and managing the project in partnership with IBM and CSC. The principal challenges of the project, which involves more than 30 person-years, are to ensure reliability, security and inter-operability. The strong fit between the three partners' areas of expertise, their extensive experience in implementing national Schengen systems, and the quality of their partnership represent major strengths that have contributed to the project's success.

installs Schengen Central Information System

Database of inadmissibles from the ad hoc immigration group
National database of foreigners
Automated national database of DNA profiles
National automobile database
Central terrorist database
National driver's license database
National database of imprisoned persons
National stolen car database
National fingerprint database
BCT
Database of wanted persons

administered by the sub-Directorate of the technical and scientific police of the Ministry of the Interior

The French police databases presented here are just a glimpse into infinity.Thousands of similar databanks (medical, commercial, fiscal, cultural, social, military, etc.) could have been indicated for France alone, probably hundreds of thousands for planet Earth...

central bureau of control over data on citizens (Ministry of the Interior)
It can locate any person using a cell phone, to a distance of 5 meters.
The Ministry can also record all telephone conversations.

Schengen Information System The countries participating in the system are: Belgium, the Netherlands, Luxembourg, France, Germany, Italy, Portugal, Spain, Austria, Greece, Sweden, Denmark, Finland, Iceland and Norway.The data sets entered by the Schengen states amounted to almost 12 million in late 1999. The major data suppliers are Germany, France and Italy.The Netherlands, Belgium, and Greece also carry out a rather extensive transfer of their data. Spain and Portugal appear somewhat less zealous. Beyond its sheer capacity, the efficiency of the SIS is measured by speed.The entry or updating of a notice in a country is transmitted to the central system.This system validates the data after a technical check and retransmits it to all the national systems in less than five minutes.The notice of a stolen vehicle in Paris is present in all the national databases five minutes later.
The number of system users is very high. In France, 15,000 computer terminals constitute portals to the system, which is accessible to the police, the gendarmerie, customs, the prefectures, the Ministry of the Interior and the Ministry of Foreign Affairs. SIS totals for 1998, in France, are as follows: over 11,000 foreign notices entered the French database (individuals, objects or vehicles sought in other countries); over 3,000 national notices were transmitted to the other countries.

exchange network "SISNET"
SIRENE (Supplementary Information REquest at the National Entry)

SIRENE (Supplementary Information REquest at the National Entry)
Every country has instituted a national SIRENE office as a single, continuously accessible contact point for the other partner countries.This office is an indispensable operational department, a human infrastructure, playing the role of interface with the administrations of other countries. In France, the SIRENE office is installed in Nanterre, in the offices of the police department of international technical cooperation. The Schengen department of the Central Unit of International Police Cooperation, responsible for the SIRENE office, treated over 47,000 information exchanges in 1998. In injected over 496,000 French data sets into the system's national database N.SIS). This department is staffed by 20 gendarmes and 35 police officers.

STIC (Système de Traitement des Infractions Constatées)
civil status
domicile
infraction committed
objects
(4.5 million objects)

système d'information douanier (SID)
DELPHINE passport

With the digitalization of the bearer's photograph, the new Delphine passport fits into the operational modes of the SIS database (Schengen Information System) and the French STIC (System for the treatment of confirmed infractions), following the Schengen treaty agreement.
http://www.conseil-constitutionnel.fr/cahiers/ccc3/ccc3389.htm

The new article 8-1 of French law allows the police and gendarmerie to hold the passport or travel document of people of foreign nationality in conditions of illegal presence on the territory.
(http://www.interieur.gouv.fr/boml/boml/1trim01/d0100048.htm)

global one
data transmission protocols

système d'information européen (SIE)

(1999)
9 million notices
6 million ID documents
1 million for vehicules
1.3 million for persons
60 % of the notices are emmitted by Germany and France.

- - Protestors database
- - register of all third-country nationals in the EU who will
be tagged with an "alert" if they overstay their visa or residence permit
- - restricted access terrorist database
- persons precluded from leaving the Schengen area

Raytheon Company
141 Spring Street
Lexington, MA 02421

Silent Runner, analyses the paths taken by Internet communications between employees and the rest of the world (employee surveillance)

Silent Runner
Raytheon Hughes
Raytheon E-Systems Inc

SYNTEGRA
Tour Pascal A 6, place des Degrés 92045
PARIS LA DEFENSE Cedex.TEL : 01 58 13 85 00 FAX : 01 49 01 97 02.
http://www.syntegra.fr

Syntegra was chosen by the **Directorate General of Taxation (DGI) and the Directorate General of Public Accounting (DGCP)** within the context of the Copernic program (transformation of the information system of fiscal administrations association the two directorates) in order to assist with the fiscal administration with the verification of proper operation and the security of the new on-line revenue declaration service.

syntegra
Control Data Systems

E-Systems Inc
6250 LBJ Freeway
Dallas Texas T X 75240 USA
Tel: 214 661 1000 Tlx: 703365 Fax: 214 661 8505

Number of employees: 18622

Bus Week 18/2/91 - Contract to build $3 Billion Electronic Security System for Saudi Interior Ministry. $3 Billion contract to install electronic border system in Saudi Arabia, along the Iraqi Border. A major provider of secret electronic & radio equipment to the CIA & Pentagon (Developer of "Electronic warfare" equipment used in Vietnam) - Delivered in 1977 the largest, most complex Police Computer system to date, the Police Comprehensive computer and national ID Card system to Argentina (**Digicom Inc. Computer System to Argentina.**)
The Argentina Passport and Federal Police Identification System, developed by Raytheon E-Systems, was inaugurated at the Buenos Aires airport (1992).The system combines personal data, color photos and fingerprints.

Control Data Systems - **USA**
From the mid 1980s, Control Data has supplied the Population Identification Number Project infrastructure for the **Thai Ministry** of the Interior. This integrated system creates an ID card, electronic fingerprint and facial image, and electronic data link involving the entire population. It spans most government agencies and is controlled by the military/police dominated Interior Ministry.
Databases include: Central Population Database, National Election System, Political Party Database, Political Member Database, Voter listing, Electronic Minority Group Registration System, Electronic Fingerprint Identification System, Electronic Face Identification System, Population and House Report System, National Tax Collection System, Village Information System, Secret Information System, Public Opinion System, Criminal Investigation System, National Security System, Social Security System, Passport Control System, Driver Control System, Gun Registration, Family Registration,Alien Control System and Immigration Control System.

GPT Ltd (GEC Plessey Telecom)
Sopers Lane
GPT Ltd (GEC Plessey Telecom)
Edge Lane
Liverpool Merseyside L7 9NW
UK
Tel: 051 228 4830 Tlx: 629267 GPT-SX Fax: 051 254 4586

GPT has won contracts worth approx. £ 4 million for the supply of telephone equipment as part of the Kuwait's Communication Ministry's reconstruction program. GPT will supply its System X digital exchanges with 10K customer and 3K trunk lines. GPT, lobbying to rescue two multi-million pound equipment contracts with the Kenyan Government. Also trying to rescue the first £ 60 million tranche of an order for several hundred System X and smaller exchanges, following the UK Government's decision to end export coverage to Kenya. The other contracts relate to a microwave equipment (£ 25 million) and a £ 7 million contract for a payphone factory.
GPT has opened offices in Beijing to help expand use of System X in China, where there are already some System X exchanges. Contracts worth £ 40 million have been signed for the supply of these systems. GPT set up a venture with Indian Trading Company KK Birla to supply India's Department of Telecommunications with a System X switch. GPT (UK) is completing the installation of the System X telephone exchange in St Petersburg, Russia. It set up network of 500 base stations and control equipment around the city of Ningbo, in the eastern Chinese province of Zhejiang.

Siemens Plessey Controls Ltd (Traffic Division)
Sopers Lane
Poole Dorset BH17 7ER
UK
Tel: 0202 675161 Tlx: 41272 PLESPL G Fax: 0202 782435

- SCOOT system used in Toronto, Bahrain, Beijing and Santiago de Chile.
- control equipment & systems, Saudi Arabia
- control equipment & systems, China

Siemens Plessey Defence Systems Ltd
Vicarage Lane
Ilford Essex IG1 4AQ
UK
Tel: 081 479 3040 Tlx: 897971 PLESSY Fax: 081 553 8999

Supplies CCIS computerized battle management system to Indonesia. Indonesia is the first customer for the Generics Command and Control information system (CCIS) developed by Plessy Defense Systems.
£ 20 million contract with Egypt for electronics defense system. Electronic warfare systems and equipment specializes in the design and manufacture of communications intelligence (COMINT) systems. Electronic Support Measures (ESM), and Electronic Counter-Measures (ECM) can be integrated into command, control, communications and intelligence systems.
"World leaders in the techniques of designing strategic and tactical command and control information systems (CCIS), which can be configured as independent units, for intelligence or for task force management, or can be integrated into large strategic management and command systems."
Generics is a software orientated CCIS designed to manage, manipulate and display information from sources such as

Lockheed Martin

Automated Fingerprint Identification System (AFIS)

pelco

Scoot system

Tienanmen Square

Abin is the central body of an intelligence system that is spread out through federal, state, municipal and even private organizations. The intelligence system operates under the name of Sisbin (Brazilian Intelligence System).

Brazil

Pakistan
National Database Organisation (NDO) was established under Ministry of Interior as an attached department to undertake the function of handling the data being collected through National Data Forms during the Population Census 1998, which was conducted from 2nd March 1998 to 18th March 1998. National Data Forms (NDFs) were designed by a committee of experts encompassing maximum social and fiscal aspects of the life of citizens and the requirements of development of economy and for creation of a comprehensive Citizen Database. To cater for a cohesive and unified approach in both Registration and Social fields NADRA was created on 10 March 2000 by merging the National Database Organization (NDO) and Directorate General of Registration. NADRA is an independent corporate body with requisite autonomy to remain free of political pressure and interventions for all times to come.

Saoudi Arabian State
Pakistan
Argentine State
Chinese State
Russian State

Tsinghua University

Nortel Networks joint research with Tsinghua University on specific forms of speech recognition technology, for the purpose of automated surveillance of telephone conversations

Nortel Networks: promotion of JungleMUX (video surveillance data to be transported from remote cameras back to a centralized surveillance point for the Chinese Ministry of Public Security (MPS)

Bin Laden Group

Nortel Networks

carlyle group

Applied Digital Solutions co.

NAV.STAR-G.P.S

GLO.NA.S.S

navstar

A cell-phone's Sim card can be located thanks to one of the 30,000 base stations of the GSM network or to one of the satellites used by the GPS (Global Positioning System)

Steria
Tecsi

orange
sfr

Uganda
Switzerland
Spanish State
Netherlands
British State
German State
French State
European Union

accord
europol

cghq
mi-6
bsi
bnd
dga [1]
dgse [2]
cea [3]

1 - French General Directorate of Armement
2 - French General Directorate of Secret Services
3 - French Atomic Energy Commission

In the United Kingdom, any arrested person or suspect can be compelled to give a saliva sample for the establishment of a DNA profile. This database now centralizes the "bar codes" of some 700,000 individuals and should reach 10 million files by 2010, from a total population of 58.6 million British citizens.

In 2000, the DGA (General Directorate of Armements) established eight new integrative programs requiring major technological capacities. One of them consists in producing microdrones for combat in urban areas.
Definition of need urban areas require specific capacities of mobility, communication and information. Portable microdrones, from 10 to 40 cm in length, able to fly between buildings, would be an ideal means of information-gathering in this environment. Additionally, these land-based and airborne robots (drones) would limit the combatants' exposure to risks.
The challenge at once technological and scientific. It requires original solutions in the areas of biotechnology, microelectronics, micromechanics and microsystems.

Saint-Barthélemy
(French Antilles)
La Réunion
Djibouti and Mayotte (Indian Ocean): interception of COMSAT signals from Africa, the Mid-East and Asia.
Kourou (French Guyana): Interception of signals from the North American continent
New Caledonia (Pacific)

Groupement des contrôles radio-électriques (GCR)
Allauts-Feucheroles
Mutzig
Domme (Dordogne)
Solenzara
Agde

Enfopol: A massive eavesdropping system capable of intercepting all mobile phone calls, Internet communications, fax messages and pagers throughout Europe.

Enfopol

cooperation treaty

echelon

(1998)
Surveillance capacity of 2 million conversations per minute, or 3 billion per day

Common Warning to Internet telephone communications (CALEA)

CALEA redefines the telecommunications industry's obligation to assist law enforcement in executing lawfully authorized electronic surveillance. In 1991, the FBI held a series of secret meetings with EU member states' police agencies to bring European CALEA into European law.The meetings included representatives from Canada, Hong Kong, Australia and the EU. At these meetings, an international technical standard for surveillance, based on the FBI's CALEA demands, was adopted as the "International Requirements for Interception."

PATHWAY NSA communications server furnishing a fast, efficient, high-security network for the ECHELON system

PATHWAY
The IDEAS Operation

IUR "International User Requirements for Interception"

IUR a tagging system, currently being designed, to create a data processing and transmission network to track suspects. The system will also merge mobile phone data to create comprehensive geographic location tracking system.

SAIC: 41,000 employees, an annual turnover of 5.5 billion dollars, 620 million dollars profit in 1999. The company's major client is the American government, 79% of total turnover comes from the Pentagon.Among the SAIC's achievements: digital cartography of the USA and digital early warning system for environmental data; security system for Defense Department computers, installation of computerized decision-making and transmission systems for oil conglomerates such as BP Amoco; computerization of the American reserve in Strategic Petroleum; design of the Navy's future command ship; modernization of command posts and combatants (Defense Information Systems Network); design of C3I command centers for naval and space warfare; modernization of the space-based mapping networks of the National Imagery and Mapping Agency; surveillance of the execution of nuclear non-proliferation treaties; design of training and simulation equipment for F-15 and F-16 pilots; design of satellite sensors and observation equipment for NASA; creation of the largest criminal information database for the FBI (with files on 38 million suspects); etc.
In the period of 1992-1995 alone, the SAIC hired 198 former colonels and generals of the US armed forces. Among its administrators, the SAIC has had the former Defense Secretary William Perry and Melvin Laird, and the former CIA directors John Deutch and Robert Gates.

Science Applications International Corporation (SAIC)

Computer Sciences Corporation (CSC)

Computer Sciences Corporation (CSC)
El Segundo, CA,
USA

Saudi Arabia Ministry of Interior System (SAMIS). SAMIS/SAMIS II driver's licences, visas and "miscreant" identification/control (miscreants includes illegal workers, Shi'ite activists and Christian missionaries).

SD-Scicon UK Ltd
1-3 Bartley Way,
Bartley Wood Hook Hampshire RG27 9XA
UK
Tel: 0256 742000 Tlx: Fax: 0256 742700

Export of computing systems to Saudi Arabia for use by General Intelligence Department. Scientific Control Systems (Scicon) signed a contract with the GID (General Intelligence Department) in Saudi Arabia to provide computer systems that would register surveillance lists and "black lists" of foreign and Saudi citizens, and lead to appropriate "executive action" including harassment, arrest, covert surveillance and interrogation.

SD-Scicon

Internet Explorer
microsoft
Globally Unique Identifier
windows NT
carnivore

Ministère des finances

Service Central de la Sécurité des Systèmes d'Information (SCSSI)

Siemens
Crypto AG
Safeguard AG

ETSI - "European Telecommunications Standards Institute"
http://www.etsi.org/

Database on Welfare Beneficiaries in New York State

AFIS system In 1995, New York was the first state to cover its entire territory with an AFIS (Automated Fingerprint Imaging System) in order to identify its 750,000 welfare beneficiaries.This "improvement" permitted the exclusion of 30,324 recipients from the right to social assistance and generated savings of 256.2 million US dollars.

The new Department of Homeland Security, created by Bush, will have an annual budget of 37 Billion dollars and will employ 170,000 people. It will occupy third place in terms of the size of its budget and personel, behind the Defense Department (Pentagon) and the Veterans Administration. It will leave the strctures of the FBI and the CIA intact.This new federal department will absorb cybersecurity organizations such as the Critical Infrastructure Assurance Office, run by the Department of Commerce; the National Infrastructure Protection Center, run by the FBI; the National Communications System run by the Department of Defense; and the Federal Computer Incident Response Center, run by the administration of federal services.

Department of Homeland Security

FBI's Automated Fingerprint Identification System (AFIS/FBI)

Biometric Management Office (BMO)
http://www.c3i.osd.mil/biometrics/

The Biometric Consortium
http://www.biometrics.org

department of defense
departement of the navy
departement of the air force

fbi
cia
nsa

Nortel Networks/FBI: common standard to intercept telephone communications (CALEA), in conjunction with technology transfer through its joint venture, Guangdong Nortel (GDNT)

Shasta 5000 firewall. This technology will also make it more difficult for Chinese dissidents to have clandestine communications and will facilitate police monitoring of Internet users attempting to circumvent the restrictions deemed appropriate by the Chinese government.
Nortel Networks: the integration of face recognition and voice recognition technology in collaboration with Actys Biometrics, a subsidiary of Burlington, Ontario-based NEXUS.

Digital Angel
http://www.digitalangel.net
microscopic emmitter-receiver ("miniaturized computer chip") which can be implanted in human beings.
Potential applications: furnishes an infallible means of identification and authentification of individuals, in the new domain of the Internet network and in any transaction involving high-security electronic commerce.

digital angel™

RFID

Matrics - RFID
For more than two years, a team of former National Security Agency scientists has eschewed the Internet boom in favor of a simpler task: building a better radio frequency identification chip known as RFID. Now the company, Matrics, is ready to launch, and it's doing so with a $14 million investment from venture capital firms Nowak Biddle Venture Partners, The Carlyle Group, Intel Corporation and Applied Digital Solutions.
Matrics (http://www.matricsrfid.com) closed the deal in December, but has chosen to lay low until its product is launched. What the company promises is a cheaper, smarter version of the RFID tag, which could be attached to virtually any product that needs tracking, from DVDs in a video store to engine turbines in an airport hangar. Ideally, a cheap RFID could replace the ubiquitous UPC bar codes on consumer goods because it can track more information.

Intelligent Traffic Management System (ITMS)

Global System for Mobile Communications (GSM)

Veritas

VeriSign Inc

Network Solutions Inc (NSI)

Network Solutions Inc (NSI)
Domain name registration company that delivers IP addresses. In 1988, an international consensus gave rise to a new organization, the Internet Corporation for Assigned Names and Numbers (ICANN), but this does not change the fact that domain names are still recorded on the databases of (SAIC-)NSI

Motorola
CRAY/SGI
IBM
Intel
Philips

alain Bauer
ab associates

American Tower Corp.

Metropolitan Area Ethernet (MAE)

UKUSA

UKUSA Signals Intelligence Agreement Partners
UKUSA is the secret signals intelligence agreement, set up in 1947, that divided the world into five regions to be watched over by Australia, Canada, New Zealand, Britain and America.

Australia DSD - Defense Signals Directorate
Canada CSE - Communications Security Establishment
New Zealand GCSB - New Zealand's Government Communications Security Bureau
UK GCHQ - Government Communications Head Quarters
USA NSA - National Security Agency

American exchanges surveilled by the NSA
- FIX East, College Park, Maryland - US Gov't Federal Information Exchange
- FIX West, Mountain View, California - US Gov't Federal Information Exchange
- MAE East, Washington, DC - MCI Worldcom Metropolitan Area Ethernet
- NAP of the Americas, Bridgewater, New Jersey - Sprintlink Network Access Point
- SWAB, Washington, DC - PSInet / Bell Atlantic SMDS WaveRegion Area Bypass
- Chicago NAP, Chicago, Illinois - Ameritech / Bellcorp Network Access Point
- San Francisco NAP, San Francisco, California - Pacific Bell Network Access Point
- MAE West, San Jose, California - MCI Worldcom Metropolitan Area Ethernet
- CIX Santa Clara, California - CIX Commercial Internet Exchange

Global Positioning System (GPS)
Echelon

ECHELON
- Yakima, United States - tapping (Intelsat Pacific Ocean)
- Sugar Grove, United States - tapping (Intelsat Atlantic Ocean)
- Fort Meade, United States (Maryland) - tapping +analysis+archiving (NSA headquarters)
- Morwenstow, United Kingdom - tapping (Europe)
- Menwith Hill, United Kingdom - tapping + satellite photos
- Geraldton, Australia - tapping (South Asia region)
- Waihopai, New Zealand - tapping (South Asia region)
- White Sands, United States (New Mexico) - satellite photos
- Guantanamo, Cuba - tapping (Cuba - former USSR)
- Bad Aibling, Allemagne - tapping (East Bloc)
- Qitai Korla, China - tapping (Russia & North Korea, India?)
- PyongTaek, South Korea - tapping (North Korea and neighboring countries, China..)
- Misawa, Japan - tapping
- Pine Gap, Australia - tapping + satellite photos
- Diego Garcia, Indian Ocean - tapping (Indian Ocean countries)

Falcon AFB Colorado Springs Master Control Monitor Station
Hawaii Monitor Station
Cryptology Operations Center (Misawa)
Kwajalein, Monitor Station
Ascension Island Monitor Station
Diego Garcia Monitor Station

Telstra International Telecommunications Centre (Perth)

Loèche (VS)
helios 1A
Zimmerwald
Heimenschwand (BE)
satellite Orion/Vortex
Telecommunications surveillance
KH-11
photography resolution: 10 cm
Trumpet

Morpho Systemes
33 Route de la Bonne Dame
77300 Fontainbleau
France
Tel: 33 (1) 64696000 Tlx: 693 056 Fax: 33 (1) 64220304

Morpho's major activity is to develop and produce Automated Fingerprint Identification Systems (AFIS), also referred to as Automatic Fingerprint Recognition (AFR). The first Morpho system was sold to the French Ministry of the Interior. Morpho AFIS systems have been sold to police forces in France (National Police) 1985, Indonesia (National Police) 1989, Hong Kong (Royal Police) 1989, Austria (National Police) 1989, Spain (Basque Province) 1990, USA (various states) 1986-90; other agencies using these systems include the French Ministry of Foreign Affairs (OFPRA), the Scottish Criminal Record Office, the Hertfordshire Constabulary in the UK. Automatic fingerprint recognition equipment will be supplied to German "Länder" over the next five years.
The company is owned by a French state financial institution that manages all the funds of savings institutions in France.

Morpho Systemes

general atomics
Predator
Drone G.289
quick,precise identification of targets
Drone G.289
observation of refugee columns
DASA Dornier
Sagem

Murder of Mohamed Atef, first lieternant of Ben Laden, November 15, 2002, Afghanistan

Statos 2

Thomson Marconi Sonar
Thales Raytheon
thales
Alcatel Alsthom
ratp
Prismatica™
detection of suspicious movements

Vodafone
Intergraph
fidelity manag. & res. co
A6
A3
Personix Ltd
Tadiran-Elisra
I2E SA

Personix Ltd
D/N Misgav 20181
Koranit
Israel
Tel: 972 4 9998436 Tlx: Fax: 972 4 9998519

Computerized fingerprint identification systems. Installed in prisons in Israel and Spain as well as other installations in Europe and South America. FP2000 fingerprint identification technology. FP2000-M fingerprint matcher comprises a Fingerprint processing unit (FPU) and an optical Fingerprint reader (FPR).

Computer Sciences Corporation (CSC)
I.B.M.
Atos
France Telecom

viisage
TV2 Ltd
Racal
Vision Sphere
Software & Systems
Cambridge Neurodynamics
Boeing Mc Donnell Douglas
trw
talon system
FaceCam™
?
neural network technology
british telecom
dictionary
City of London
Suisse
Italie